

IN THE CLAIMS

Claims 1-38 (Cancelled).

39. (Presently Presented) An access device comprising:

a simple network management protocol (SNMP) agent, wherein the SNMP agent generates a user interface and receives user input that specifies a change to configuration data stored in said access device and said SNMP agent transmits a first message to a combined hypertext transport protocol (HTTP) server and SNMP manager using HTTP;

the combined HTTP server and SNMP manager, wherein the combined HTTP server and SNMP manager only accesses said configuration data by communicating with said SNMP agent and wherein in response to said first message, said combined HTTP server and SNMP manager transmits a second message to a combined text-interface generator and HTTP client using SNMP; and

the combined text-interface generator and HTTP client, wherein the combined text-interface generator and HTTP client only accesses said configuration data in response to said second message as specified by said user input by requesting said combined HTTP server and SNMP manager to communicate with said SNMP agent, so that all safety mechanisms are built into the SNMP agent to enhance security and wherein said combined text-interface generator and HTTP client resides in said network device.

40. (Previously Presented) The access device of claim 39, wherein:

the combined HTTP server and SNMP manager generates hypertext mark-up language (HTML) documents that include anchors that contain identifiers for management information base (MIB) objects; and

the combined text-interface generator and HTTP client transmits to the combined HTTP server and SNMP manager messages that contain identifiers for MIB objects in response to input received from a user.

Claims 41-49 (Cancelled).

50. (Previously Presented) A network device comprising:

a simple network management protocol (SNMP) agent, generates a user interface and receives user input that specifies a change to configuration data stored in said access device and said SNMP agent transmits a first message to a means for combining hypertext transport protocol (HTTP) server and SNMP manager using HTTP;

said means for combining HTTP server and SNMP manager, wherein the means for combining HTTP server and SNMP manager only accesses said configuration data by communicating with said SNMP agent and wherein in response to said first message, said means for combining HTTP server and SNMP manager transmits a second message to a means for combining text-interface generator and HTTP client using SNMP; and

said means for combining text-interface generator and HTTP client, wherein the means for combining text-interface generator and HTTP client only accesses said configuration data in response to said second message as specified by said user input by requesting the means for combining HTTP server and SNMP manager to communicate with said SNMP agent, so that all safety mechanisms are built into the SNMP agent to enhance security and wherein said means for combining text-interface generator and HTTP client resides in said network device.

51. (Previously Presented) The network device of claim 50, wherein:

the means for combining HTTP server and SNMP manager generates hypertext mark-up language (HTML) documents that include anchors that contain identifiers for management information base (MIB) objects; and

the means for combining text-interface generator and HTTP client transmits to the means for combining HTTP server and SNMP manager messages that contain identifiers for MIB objects in response to input received from a user.

52. (Previously Presented) The network device of claim 50, further comprising a user interface, said interface being optimized for speed and navigability.

53. (Previously Presented) The network device of claim 52, wherein the user interface is a duplicate in look-and-feel of a text menu system.

Claims 54-62 (Cancelled).

63. (Previously Presented) A computer readable medium containing executable instructions which, when executed in a processing system, causes the system to perform a method, the method comprising:

providing a simple network management protocol (SNMP) agent, wherein the SNMP agent generates a user interface and receives user input that specifies a change to configuration data stored in said access device and said SNMP agent transmits a first message to a combined hypertext transport protocol (HTTP) server and SNMP manager using HTTP;

combining HTTP server and SNMP manager, wherein the combined HTTP server and SNMP manager only accesses said configuration data by communicating with said SNMP agent and wherein in response to said first message, the combined HTTP server

and SNMP manager transmits a second message to a combined text-interface generator and HTTP client using SNMP; and

combining text-interface generator and HTTP client, wherein the combined text-interface generator and HTTP client only accesses said configuration data in response to said second message as specified by said user input by requesting said combined HTTP server and SNMP manager to communicate with said SNMP agent, so that all safety mechanisms are built into the SNMP agent to enhance security and wherein said combined text-interface generator and HTTP client resides in said network device.

64. (Previously Presented) The computer readable medium of claim 63 wherein:
the combined HTTP server and SNMP manager generates hypertext mark-up language (HTML) documents that include anchors that contain identifiers for management information base (MIB) objects; and

the combined text-interface generator and HTTP client transmits to the combined HTTP server and SNMP manager messages that contain identifiers for MIB objects in response to input received from a user.

65. (Previously Presented) The computer readable medium of claim 63, wherein the method further comprises providing a user interface, said interface being optimized for speed and navigability.

66. (Previously Presented) The computer readable medium of claim 65, wherein the user interface is a duplicate in look-and-feel of a text menu system.